DECORATIVE PLANTS FOR WINTER USE OUTDOORS AND IN THE HOUSE--FINAL AUTUMN GARDEN

dwelling houses.

trouble is incurred in growing these drain, me gems it is remarkable to note

mosphere produced by the various heat- allowing space for water. With regard ing systems. This, however, can be saucer of damp moss not allowing the

The lightest part of the sunniest rooms in the house should be used for the majority of plants. There are, however, some plants, such as the rubber plant or paims, which will grow and succeed in poor light.

common fault is to overpot the plants, thus supplying too much soil, which eventually becomes sour and the plant dies. By using a larger bulk of soft and putting more plants in it the soil can be more easily kept uniformly

On Lawns, Shrubs and Gardens Use Alphano Humus Now



OLD LAWNS

SHRUBS AND TREES.

REASONABLE IN PRICE.

ALPHANO HI MUS CO. 15 Battery Place, New York.



Big and Many Blooms

and strong healthy plants in the house all winter with a 5-lb. package of Davidge's Odorless Special Phorsphrus.

Special Offer for a limited time, to introduce: Upon receipt of \$1 a 5-lb. package mailed, postage prepaid. Agents wanted. Hudson Carbon Co., Ballston Spa, N. Y.

OLD - FASHIONED FLOWERS KING, Box 1363, LITTLE SILVER, N. J.

Small Shetland Herd For Sale

Ferrets For Sale—Either color, large or lots. Choice stock. O H. Keeler & Co., Greenwich, Ohio.

Grimes Is Golden

In fact, this variety of apple is sometimes known as the "Grimes Golden," because of its bright, yellow color. Book let containing descriptions and handsome color plates of this and other apple varieties and telling when to cat them sent or request. Address

Northwestern Fruit Exchange Skookum 93 West Street, New York. The Apple of Flavor. At all grocers. Buy them by the box. Insist on "SKOOKUM"

Sole Distributors to the Trade. STEINHARDT & KELLY, New York

can be easily grown in receptacle in which a plant is grown to the tops of the leaves. should have a hole in the bottom When we realize how little through which the surplus water can

Potting should be done in early spring and frost. their comparative scarcity, but when in- before new growth commences. Broken stalled they at once become included in pots or stones must be placed at the growing house plants is the dry at- within about one inch of the rim, thus them gradually into the light.

Standard Bay Tree.

experience, more water being required in a hot, dry atmosphere than in a A farmer in Monroe county makes damp room, but it must be remembered the an acre from red raspberries after surplus water running out at the plants.

Its varieties, should always be kept in a purposes may reasonably change their real moist condition. Oftentimes the plan and send the flowers to people kitchen offers fine advantages for un- while they are living and able to ap- der and purple; early white; lavender the atmosphere is generally more or less humid, which is ideal. Broad leaved plants should be occasionally sponged to maintain the lustre of the foliage.

AN AUTUMNAL LESSON FOR THE som and many others are grown, many of these originated and introduced by can be made to give the rooms a sense with color, such as the screw pine, the woods and give them an object lespandanus veitchti, dracenas in variety. crotons and the interesting Norfolk meats on propagation. Island pine, araucaria excelsa, which

of this root growth long in frosted.

In frosted, a will Winter-kill less—will start ging—will withstand the dry kill stand frequent close mowings by to burning of the roots.

Table ferns are seen to the best advantage when used with the small paims, such as cocos weddelliana and paims. a good centrepiece for a table.

Flowering plants, such as azaleas, camellias, chrysanthemums, cyclamen, &c., should be introduced when they are s a granulated, odorless sell about to bloom, as the change of conis ditions often deters the flowers from

Bulbs such as hyacinths, tulips, nar clssus, crocus, &c., should be potted in the autumn and kept covered outside prove to you exactly what it has done for for seven or eight weeks, when they may be brought inside and gradually to the light and warmth, where the flowers 5. By the ten in bags, \$12.

\$10 per ton. By the car in the pots in at different intervals a sucat 15 cents per bag. Special cession of bloom is afforded.

Placing the plants in the most effect tive position adds much to the home like impression of a house. stance bay trees, either standards imidal, create an imposing ance when used on the approach to or in a large hall. Trained by forms are very effectively used on the lawn. While speaking of the outside it is

An effective arrangement can be made retinospora squarrosa, Peabody's arborvitæ, the globe arborvitæ or boxwood with large palms in the hall. In this rubber plants, flcus pandurata and elastica and aspidistras can be used.

To have the best possible vegetable garden next season cover the beds wit manure and turn it under roughly be fore the ground freezes. Do not break up the soil or rake it over but leave n rough shape, exposed to the action the weather. Next spring cover light! with manure and turn this under breaking up the soil and pulverizing as finely as possible ready for the seed or plants it is to receive. If the soil very light and porous do not app manure now, simply turn the soil over and manure it in the spring and turn

ARTHUR J. JENNINGS.

ver again. Do not apply fresh manure where bee arrots or parsnps are to be planted. this will cause the roots to become forked; other stimulants may be given while these crops are growing, but the manure should be applied now and mitted when the ground is turned over

gain in the spring. Where the soil is heavy or clayes renching should be the method breaking it up.

Rhubarb roots for forcing indoors hould be lifted out of the ground with strong fork. Allow them to remain where they are for a few days after they have been lifted to encourage the ripening of the crowns. Later plant them in boxes of soil to be placed in an use or under the greenhouse staging, giving water but excluding light.

As soon as the foliage is off of seakale the strongest roots may be taken up, trimmed and packed upright in oxes and left outdoors until wanted for forcing.

If the final earthing up of celery has not been completed give the plants a good watering if they are dry and allow ness of my life and a measure of good the yield an acre will be very much the foliage to dry. Tie the leaves to- health and a keen interest in all forms

Frames of violets, antirrhinums, &c.,

Lettuce seed should be planted in frames now for plants to be set out in

the spring.

When freesias show through the soil ace them in a position where they will have good light.

In winter aspidistras should have more light than in summer, when the light is stronger. Water more sparingly than in summer, but do not allow the il to become dry. Sponge the leaves with tepid water often enough to keep hem free from dust.

New York State stands seventeenth acreage and fourth in the value of er farm products. Not one of the lississippi Valley States equals New York in the value of products per square

to watering, this can only be learned by State of Missouri.

hat whenever watered enough should paying three cents a quart for picking be given to soak the whole pot, the and considerable for caring for his

House ferns, such as Boston fern and People who send flowers for funeral leadby plants o recuperate in, as there preciate the flowers and the kindness

Now is the time to take them into son in plant life with practical experi-

With basket and trowel and some wet papers to line and cover the basket to The many varieties of the Boston keep the plants moist that they ern, such as whitmanni, scholzeli, find under the fallen leaves beautreated with Alphano Humus now will at once start making a new growth mass of good strong forous. The stored up warmth of the forous roots. The stored up warmth of the ground will promote this root growth long after in pots or hanging baskets by the winding digging. Trillium, bloodroot, hepatica. dow and are easily kept in robust con- partridge berry, lady slipper, violets, ferns and messes are to be had in great If not well posted in Agriculture is now conducting investiga-

OUSE plants are those plants moist. It is very important that every into the plants and draw the earth up the joy of living an ever present bless- clai publications of the Department deal- out and destroy the shoots which con- 1914, by the Massa

If not practical to take the children to the woods in the right season for this should only be closed to exclude wet work they can find material in any old garden.

Self-sown annuals and perennials are pots or stones must be placed at the bottom of the pot for drainage and the any have made good root growth and of the valley and crocus bulbs as well The chief obstacle to contend with in rowing house plants is the dry at-Continue planting hyacinth, tulip, into growth when the conditions are daffodils and other bulbs for spring right, heat, sunlight and moisture, with and gardeners will seriously feel flowering. TREATMENT OF WOUNDS IN ANIpromptly to the heart that calls them. and all the lesser lights that lead the way served an apprenticeship in child-When the buds are swelling on ca- hood which blessed them and the world be able to get along about as well with- and yet to prevent screw worms and SUSAN B. OKIE. nellias no not let the roots become dry. for all time.

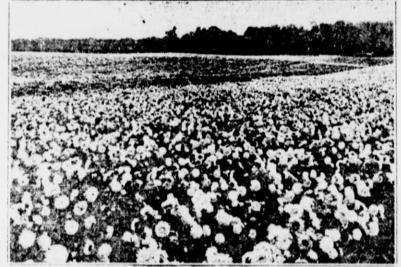


Fern, Nephrolepis Whitmanii.

rose and pink branching and the late branching sorts, queen of the marke: The city of Rochester has adopted Vick's Rochester as its official

At the second farm there is a large range of greenhouses and fifty acres are devoted to growing gladioli and dablias. Five acres of phlox drummend! in full bloom is a sight not easily forgotten.

POTASH AS A FERTILIZER.



Seventy-five acres of Asters

mention the use of window flower lore take a book with you on tions in this subject and a comprehenboxes. There are a great variety of wild flowers, and their name is legion. sive report, it is expected, will be issued evergreens and boxwood that can be Anne Pratt's I like best. Let the chil- in the near future dealing with the used to stand throughout the dren do the work themselves. Teach available sources of supply in this counwinter. The pretty little Japanese them how to drive the trowel deeply try. At present it may be said that, redar, retinospora plumosa sulphurea, and how to use it as a lever to gently roughly speaking, about \$10,000,000 when used in combination with English is the plant, squeeze it tenderly and ivy makes up a very attractive window wrap it in a wet paper, binding it with box for outside use. Such plants as an elastic band and packing it in the this is imported from Germany. These dracenas in variety, the screw pine, basket with wet moss, covering with importations have now been cut off abpandanus and other foliage plants with paper. When they have enough they solutely, and there is of course no the variegated periwinkle hanging over can take them home and set them in a the box can be used throughout the window box in their bedroom window, be resumed. summer, and the box can then be re- so that each morning when they rise It was the filled for use in the house during winter. they can note the conditions. A jug of by the use of tubbed specimen of ever- same temperature as the room will ingreens such as juniperus chinensis, sure them against drying out, which is as fatal as too much water. Children are very quick to learn nice

distinctions when they are interested, position, where the light is none to good, and each unfolding leaf and bud will be a delight to them and a lesson. best kind of boxes are those self-watering kinds that are for sale in the supply to protect the plants from dust and a



Ficus Pandurata

too dry atmosphere. Four upright rods certain extent as a substitute. grooved to hold the sides of glass and upon their tops to rest another sheet of and other plant foods, must have a tin shield to protect the gredient in all forms of plant life, there woodwork beneath it or an oilcloth. Fi wer pots set in a box of sand and importance may have been overesti packed with moss over which glass jars | mated for certain crops and on certain can be inverted may be used, but they

ere only a substitute. These experiments are of great interest and value to children and will inspire them to pursue a study in plant as lemons, oranges and grapefruit and life that may be a valuable asset to for such crops as potatoes, cotton and them as long as they live.

To the fact that I spent my childhood in a garden I owe the greatest happigether to keep the earth from getting of nature's kingdom which has made

solutely, and there is of course no means of knowing how soon they can

It was thought that the most promis-ing source from which to obtain sylvania, but it is likely that it may be household cookery and as flavoring for It was thought that the most promispotash for fertilizing purposes was found in other localities. It has not desserts, the kelp (seaweed), that exists in been found in any native trees in the There is, however, a wide divergence always been on European pines. There of opinion as to whether potash can be is no evidence to indicate that it has extracted profitably from this and sold been in this country more than a year at prices which would make its use for except on Long Island, where it has fertilizing purposes commercially possi- existed for more than two years. The chief difficulty appears to lie in the fact that 85 per cent. of the kelp moths, but none of them inflicts the is water, and that if this water is re-moved by the simple process of sun drying, fermentation and the decay of stamped out before it becomes too widethe organic matter in the kelp are spread to be controlled. At present the likely to have disagreeable effects. The problem of its elimination is confined iried kelp, it is estimated, has approxi-15 per cent. potassium in it. Before the war some authorities considred that it was possible to extract ootassium from this kelp and sell it at price that would approximately equal hat of the imported potassium. This, however, has not as yet been tested commercially, and it cannot, therefore, be said positively that it can be done In some of the more arid sections of

the West small deposits of potassium have also been found, and it is believed that there is one lake in California which might be able to furnish a sufficient supply for one year. Fuller in-formation on the extent and value of these deposits will probably be avails published. The ashes of hard wood also contain a limited amount of potash. These ashes are obtained chiefly from Canada.

It is doubtful whether potassium can be obtained in this way sufficiently cheap for ordinary use. Tobacco stems may also, it is thought, be used to a contain small quantities of potassium Although potash is an essential in-

is some ground for believing that its well for a year or so with much smaller quantities than have been used in the past. For citrus fruits, however, such tobacco, potash is unquestionably very necessary. These products can of course be grown without its use, but diminished

At the present time there are no off-

culture.

Acting Chief, Office of Information,

J. F. Barker, agronomist of the New true that truck farmers doubtedly know and feel and they respond supply being cut short; but for agricultural crops in general he is of the Linnaus and Humboldt and Darwin opinion that the need of commercial potash has been greatly overestimated and that on general farm crops we will out potash as with it. Potash, he says, Seventy-five acres of asters in blossom is sufficient attraction to draw thousands of visitors to see the sight at thousands of visitors to see the sight at the Vick seed farms near Rochester, N. Y. Royal white, pink, rose, lavenity and the present time indicate that potash more often does not pay for itself than it yields a profit. Especially is the seed of the structure of th

he most important factors for making suck up the exudate and is a cause of ment is correct. The man who supply available potash from the normal sup- considerable annoyance to animals. It the information has been growing fruit plies of that material locked up in the prevents wounds from healing and may Jacob G. Lipman, director of the New here to its body.

ersey agricultural experiment sta-Eastern States respond occasionally to of repellants on wounds of animals: fertilization with potash in the growing Formula No. 1: Oil of tar, 8 ounces; of general farm crops. Ordinarily the cottonseed oil to make 32 ounces use of potash for the growing of cereals s not one of great moment where the 2 ounces; hydrous wool fat, 14 ounces. of yields are average and where manure Mix into an ointment. and lime are used more or less regu-

soils, respond with a brush. readily to applications of fertilizer conoff in crop yields should the potash be left out. This will not occur, however, n the case of sandy and peaty soils which for years have been receiving annual applications of mixed fertilizer containing 8 or 10 per cent, of potash. The heavier soils on which potatoes have been grown for some years and which have been receiving mixed ferilizer containing 10 per cent, of potash would not show a serious falling off for at least one year should potash be omitted.

'In growing vegetables on medium and heavy land there need be no serious fear of any reduction in crop yields, provided manure and lime are used. The average ton of manure contains about ten pounds of potash. A considerable proportion of this potash beomes available the first growing season. Moreover, medium or heavy land is naturally well supplied with potash and use of lime and animal manure should help to liberate this potash and make it available to the growing crop. Applications of common sait, 200 to 300 pounds to the acre, will also help to reease the inert potash compounds of wounds the soil and make them avaffable."

Tobacco stems contain large quantities of plant food, especially potash, and used. may be used to good advantage as a ertilizer. The stems can be secured from eigar and tobacco factories. They ties than manure. Two tons to an acre

PINE TREES DESTROYED BY NEW EUROPEAN INSECT.

The Department of Agriculture is ing all the apple juice products. causing a deformity which is serious in the siruplike cider will keep for a month ing when in bloom. ornamental trees, and in trees grown for or six weeks. lumber makes a crooked growth and a onsequent waste when the tree is cut.

all native pines but is equally injurious cider will make one gallon of sirup. for autumn. Special prices on quanto American species cultivated there.

The young larve came into this countries the consistency of maple sirup. It has titles. Correspondence invited. try within the buds on imported pine a distinctly fruity aroma and will keep eedlings from France, England, Hol- as well as other sirups. The taste is land, Belgium and Germany. It has somewhat similar to the sirupy sub large quantities on the Pacific coast. forest, and with only one exception has is no evidence to indicate that it has

There are several native pine shoot serious injury of the European species It is hoped that the new pest may be problem of its elimination is confined mainly to nurseries, but if it once gets into the native pine forests it may get beyond control. In its larval stage the moth is so effectively protected in the buds and shoots that it cannot be reached by any insecticide, and the only method of getting rid of it is to prune

FREE Beautiful Amaryllis, Bella-donna, blue and white flowfree with either collection Also the wonderful Hardy Amaryllis, that can be planted out doors now, producing its marvelous pink flowers in August. Should be in every garden. This will also be inable when the report already mentioned cluded free when both collections are

A WINDOW FULL OF FLOWERS ALL WINTER 50 BULBS FOR 50 CENTS

Collection A. Good sound bulbs, guaranteed to be first class, in assorted colors, postage 6 Hyancinths 6 Tulips 6 Allium, white, 6 Freesias, yellow 8 Ixias

6 Narcissus 6 Freeslas, white 6 Oxalis, yellow A GARDEN FULL OF FLOWERS IN THE SPRING Collection B.

5 Hyancinths 10 Tulips 10 Snowdrops Send a dollar at once and receive both collections, 100 finest imported bulbs, at less than a cent apiece and

two beautiful Amaryllis.

Ask for our catalogue Free. It tells how to plant all bulbs. W. E. Marshall & Co. Bulb Importers. 166 West 28d St., New York.

ing with the situation that has been tain the insect. This should preferably Experiment Station. The produ created by the present interruption of imports.

E. B. Mitchell, Though it is easier to locate the injured in North Attleboro: tips and shoots after growth has started United States Department of Agri- in the spring, it is safer and better for the tree to have it done in the fall, Measures for control, to be effective, can not be accomplished without the cooperative action of all who grow or plant European pines or deal in them.

MALS.

important to treat the wound in such way as not to prevent its healing out potash as with it. Potash, he says, increases the yields on these crops to faces, laying eggs, or carrying infection

this true if rational methods are employed for keeping up the supply of ormanic matter in the soil, the decay of organic matter in the soil being one of The house fly alights on wounds to

introduce agents of infection which ad- | fortune in this business. The Department of Agriculture sug ions, says: "The upland soils of the gests the use of the following formulas

Formula No. 2. Powdered naphthalin. Formula No. 3: Coal tar, 12 ounces;

carbon disulphid, 4 ounces. Mix; keep was picking cotton in company in a well stoppered bottle and apply husband when the rattler craw "On the other hand the peat soils, as in a well stoppered bottle and apply Mixtures No. 2 and 3 adhere to moist

alning available potash. Sandy and surfaces, and No. 3, in addition, forms eaty solls will probably show a falling a coating over raw surfaces and pro- ther



Aspidistra Lurida Var.

tects from the screw worm fly. Another formula widely used in t South for healthy granulation

Oil of turpentine, 1 dram; phenol, 1 dram; cottonseed oil to make 4 ounce Mix and apply freely to wounds Only one of these f rmulas should be

By a method of concentrating apple cider by freezing and centrifugal force a mill in the Hood River Valley, Ore will offer cider, one gallon of which will make five gallons of ordinary cider by

adding four gallons of water. The concentrated cider will keep better than the ordinary product. is taken from the cider but the water and the result is a thick liquid contain-

The process consists of freezing the

found in ten localities, in six stance that exudes from a baked apple

H. L. J., Brookline, Mass .- Your ques of Alphous Humus made on June 12,

When an animal is wounded it is \$10.66. rude materials at centres of di-It does not include the co

> agent's commission, &c. From this analysis it appears that Alphous Humus is a valuable fertilizer, well worth the price asked for it

manufacture, transportation charges,

An old fruit grower of western New York says it costs about a dollar a barrel to grow, pick and pack apple At present low prices apple grower for thirty-five years and has made a

RATTLESNAKE IN HER CLOTHING

Woman Grasped Its Neck and Read It Till Husband Came

Killen, Tex., Nov. 14 -- Bare present mind enabled Mrs. Si Turner, living not far from here, to win a battle with huge rattlesnake as her opponent.

upon the ammunition provided, pro-to stone it to death. Both escap



establishment in America of the European pine shoot moth, which threatens to cause serious loss. This insect is a small orange red moth, the larva of small orange red moth, the larva of trated juice to be thrown off and colsmall orange red moth. The larva of trated juice to be thrown off and colgarden this autumn. They last for years; no further planting required. In an ordinary household refrigerator A dozen will make a splendid show-

Extra good bulbs, in assorted varie--sure to bloom. Send your order A new strup is now to be made from early and get our new catalogue of In Europe the insect not only attacks the juice of apples. Seven gallons of Hyacinths, Tulips, Seeds and Plants

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ney order; apples guaranteed, Address V. N. PHILIP, Claverack, N. Y. ref-, Cashier Farmers' National Bank, Hud-N. Y.



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and save money, time and labor.

Punch a hole under the stump, load, fire and the job is done!

Atlas Farm Powder is made espectively for farm use, and is sold by dealers near you. It is easy to buy, Punch a hole under the stump, load, fire and the job is dene! The roots are shattered and come

The roots are shattered and come out free of earth, while the soil is loosened and mellowed for yards around—ideal for crops.

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